

# Receiving Report

Date:

13/10/8

Batch No:

M127111

Supplier:

F. Achary Spinel

Dart P/O:

21475

Packing Slip:

Yes ☒

No ☐

Invoice:

Yes ☐

No ☒

Receipt:

Cash ☐

Cr ☒

Release Note Attached:

Yes ☒

No ☐

N/A ☐

Waybill Attached:

Yes ☒

No ☐

N/A ☐

Shipment Complete:

Yes ☒

No ☐

N/A ☐

QC6 Inspection

PM13-10-09

N/A ☐

Work Order

N/A ☒

## Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12

[Signature]

Production/Admin:

Date

13/10/8

Received/Costing

[Signature]

Initial

Location

# Purchase Order Receipt Listing

Tuesday, October 08, 2013 1:05:38 PM

All amounts are calculated in domestic currency.

All Vendors PO ID PO21475 Receipt Dates from 10/8/2013 to 10/8/2013 All Line Item Types  
All Item ID/GL/WOs All Rec. Employees All Currencies  
Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID \ Vendor Name			VU-FAC001	Factory Steel							
PO21475	1		M4130NT2.500W.06 f		10/2/2013	10/8/2013	25.7570 ✓	\$14.75	0.0000	0	\$379.92
USD	No		4130 RD tube 2.50 x f .063wall		25.0000	DES102		\$379.92	0.0000	0	
			m127111								
	2		M4130NT0.500W.04 f		10/2/2013	10/8/2013	96.0000 ✓	\$4.30	0.0000	0	\$412.80
	No		4130 RD Tube .500 x.049W		96.0000	DES102		\$412.80	0.0000	0	
			m127111								
	3		M4130NT0.750W.04 f		10/2/2013	10/8/2013	174.8330 ✓	\$4.47	0.0000	0	\$781.50
	No		4130 RD Tube .750 x.049W		161.0000	DES102		\$781.50	0.0000	0	
			m127111								
	4		71475-25	Each	10/2/2013	10/8/2013	1.0000	\$35.00	0.0000	0	\$35.00
	No		PACK		1.0000	DES102		\$35.00	0.0000	0	
			m127111								
<div> <div>Total Received Quantity:</div> <div>Total Qty to Inspect (PO U/M):</div> <div>Total Reject Quantity:</div> <div>Total Receipt Value:</div> <div>Total Balance Due Quantity:</div> </div>											<div>297.5900</div> <div>0.0000</div> <div>0.0000</div> <div>\$1,609.22</div> <div>0.0000</div>

✓  
PAKING  
Correct

# PACKING LIST

No. 39709

PG 1 OF 1

FACTORY STEEL & METAL SUPPLY  
14020 OAKLAND AVENUE  
DETROIT, MI 48203

(313)883-6300 PHONE  
(313)883-4883 FAX

SOLD TO:

DART AEROSPACE  
1270 ABERDEEN STREET  
HAWKESBURY, ON K6A 1K7

PURCHASE ORDER #  
P021475

JOB NAME

SALES ORDER #  
33993

ORDER DATE  
09/25/2013

SHIP TO

DART AEROSPACE  
1270 ABERDEEN STREET  
HAWKESBURY, ON K6A 1K7

BUYER  
CHANTEL LAVOIE

Tel (613) 632-3336

Fax (613) 632-4443

SALES REP

MICK HALON

SHIP INST

YRC

PROM

BLIND Y/N

N

TERMS

NET 30 DAYS

SHIP DATE

09/25/2013

SHIP VISA

YRC

RESALE #

59-2958719

CARRIER

YRC

BLIND Y/N

N

FOB

DETROIT

LINE	QUANTITY	DESCRIPTION	WIDTH	LENGTH	WEIGHT	UNIT PRICE	TOTAL
1	25.757 FT	4130 CD SNLSS RD TUBE 2-1/2" OD X .065W Our Tag # H111 Ref # Heat # 91778 549593	25' RL		43.529		
2	96.000 FT	4130 CD SNLSS RD TUBE 1/2" OD X .049W Our Tag # H111 Ref # Heat # 91779 545695	19' 1/24' RL		22.656		
3	174.833 FT	4130 CD SNLSS RD TUBE 3/4" OD X .049W Our Tag # H111 Ref # Heat # 91780 745838	19' 1/23' RL		64.128		
4	1 PC	PACKING CHARGES					
HTBS (CIRCLE) FAX SHIPMENT INVOICE ALL DATE: INITIAL:							
RECEIVED BY: SIGNATURE RECEIVED BY: PRINTED NAME DATE RECEIVED:							
TOTAL WT 130 LBS							TOTAL

50



# MATERIAL TEST REPORT

Page 1 of 1

Sold To: 3300035  
FACTORY STEEL & METAL SUPPLY CO.  
14020 OAKLAND AVENUE  
DETROIT MI 48203 US

Ship To: 3300035  
FACTORY STEEL & METAL SUPPLY CO.  
14020 OAKLAND AVENUE  
DETROIT MI 48203 US

Purchase Order: 8338  
Sales Order: 110324  
Material: A888250006505461 AMS-T-8738A 2500OD 065AW AMS 6360L6371J  
Delivery: 80168213

3/13/09

Description: AMS-T-8738B SEAMLESS CONDITION N. AMS-6360L

Test: NDT ELECTRIC TESTED TO ASTM A450 OR A1016 & APPLICABLE TEST METHOD E309 OR E426.  
MAGNETIC INSPECTED TO AMS2301.

SEAMLESS 4130

Heat Number: 549593

CARBON	Idl	0.310
MANGANESE	Idl	0.550
PHOSPHORUS	Idl	0.006
SULFUR	Idl	0.002
SILICON	Idl	0.260
NICKEL	Idl	0.080
CHROMIUM	Idl	0.900
MOLYBDENUM	Idl	0.200
COPPER	Idl	0.100
ALUMINUM	Idl	0.038

Ultimate (PSI)	112000 / 113200
Yield (PSI)	76,100 / 86,700
Elongation (%)	27 / 28
Hardness (RB)	96 / 99
Grain Size	9.500
Frequency rate	0.068
Severity	0.049
Decarb OD Total (IN)	PASSED
Decarb ID Total (IN)	PASSED

Jominy (RC) Heat: 549593 J5/16= 37 J8/16= 29  
Origin of Melt Germany  
Manufactured In USA

Webco Industries, Inc. certifies that the material described was manufactured and tested and/or inspected in accordance with the specification and fulfills requirements in such respect.  
This document conforms to the requirements of Specification EN 10204 Inspection Document Type 3.1.  
This document was prepared by means of electronic processing and is valid without signature.

Date: 01/06/2009

Tony Stubblefield  
Quality Manager



# MATERIAL TEST REPORT

Page 1 of 1

Sold To: 3300035  
FACTORY STEEL & METAL SUPPLY CO.  
14020 OAKLAND AVENUE  
DETROIT MI 48203

Ship To: 3300035  
FACTORY STEEL & METAL SUPPLY CO.  
14020 OAKLAND AVENUE  
DETROIT MI 48203

Purchase Order: 1609  
Sales Order: 137854  
Material: A893050004905461 AMS-T-6736 0500OD 049AW AMS6360,6371  
Delivery: 80220568

*Jm*  
13.10.09

Description: AMS-6360/AMS-6371J/AMS-T-6736B COND N/MIL-T-6736/ASTM A519  
SEAMLESS 4130.

Test: NDT ELECTRIC TESTED TO ASTM A450 OR A1016 & APPLICABLE TEST METHOD E309 OR E426.  
MAGNETIC INSPECTED TO AMS2301.  
A519

Heat Number: 545695

CARBON	LDL	0.300
MANGANESE	LDL	0.520
PHOSPHORUS	LDL	0.010
SULFUR	LDL	0.005
SILICON	LDL	0.230
NICKEL	LDL	0.100
CHROMIUM	LDL	0.890
MOLYBDENUM	LDL	0.170
COPPER	LDL	0.140
ALUMINUM	LDL	0.038
R-EACH	LDL	0.000
R-TOTAL	LDL	0.000

Ultimate (PSI )	126700 / 127400
Yield (PSI )	95,300 / 99,100
Elongation (%)	21 / 23
Hardness (RB )	97 / 102
Grain Size	9.000
Frequency rate	0.147
Severity	0.078
Decarb OD Total (IN )	PASSED
Decarb ID Total (IN )	PASSED

Jominy (RC ) Heat: 545695 J5/16= 41 J8/16= 31  
Origin of Melt Germany  
Manufactured In USA

Webco Industries, Inc. certifies that the material described was manufactured and tested and/or inspected in accordance with the specification and fulfills requirements in such respect.

This document conforms to the requirements of Specification EN 10204 Inspection Document Type 3.1.  
This document was prepared by means of electronic processing and is valid without signature.

Date: 11/09/2011

Tony Stubblefield  
Quality Manager



# PLYMOUTH TUBE CO. USA

1209 East 12th Street, Streator, Illinois 61384  
Phone: (815) 873-1515 Fax: (815) 872-7348

## PRODUCT CERTIFICATION

SALES ORDER - LINE ITEM/ RLS  
040027 - 1 / 0

WORK ORDER 012409

HEAT NUMBER 745838

MELT SOURCE Benteler Steel Corp - Germany

SOLD TO

Factory Steel & Metal Supply Co.  
14020 Oakland Avenue  
Detroit, MI 48203  
USA

ISO 9001:2000  
AND  
TS 16949:2002  
CERTIFIED

CUSTOMER P.O.	CUSTOMER PART	QUANTITY	LADING NO	SHIPMENT DATE									
8286													
<b>PART DESCRIPTION</b> H07500490J800 OD: 0.7600" Max: 0.7550" Min: 0.7500" Wall: 0.0490" Max: 0.0530" Min: 0.0450" Length: 19.00' / 25.00' Spec: MIL-T 6736B Seamless Aircraft Grade: 4130 Finish: Cond N													
<b>CERTIFICATION REQUIREMENTS</b> This material was Eddy Current tested and conforms to the requirements of ASTM A-450. This material is stress relief annealed. The final annealing temperature was 1150 degrees fahrenheit. The Grain size is determined and reported by the raw material supplier in accordance to ASTM E-112. This raw material was magnetic particle inspected by the raw material supplier in accordance to AMS 2640J and/or ASTM E-1444, and rated as Frequency, and Severity to AMS 2301, latest revision. Yield is determined by using the 0.2% offset method.													
<b>Chemical Analysis</b>													
C	Mn	P	S	Si	Al	Cr	Mo	Ni	Pb	Cu	V	Ti	Sn
.325	.55	.007	.003	.258	.037	.90	.17	.09	.001	.10	.003	.004	.010
<b>Physical Properties</b>													
Freq.	Severity	Grain Size											
.029	.020	5											
<b>Melt Source</b>													
Melt Source Benteler Steel Corp - Germany													
<b>Additional Specification(s)</b>													
<b>TEST</b>	<b>UNITS</b>	<b>#TESTS</b>	<b>HIGH</b>	<b>LOW</b>	<b>AVERAGE</b>	<b>STD. DEV</b>							
Tensile	Psi	6	118390	114580	116562	1284							
Yield	Psi	6	114070	109820	112030	1386							
Elongation	%	6	20	13	17	3							
Rockwell B	Rb	0											
Rockwell C	Rc	0											
<b>TEST</b>	<b>RESULT</b>												
Decarb/OD	Pass												
Total ID/OD decarb	Pass												

I certify that the results are a true and correct copy of the records prepared and maintained by Plymouth Tube Company, Streator in compliance with the requirements of the cited specification. Chemistry is as reported by the Steel supplier. This test report cannot be reproduced or distributed except in full without the written permission of Plymouth Tube.

Gerry Cross

Quality Assurance

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Page 1/2

Date Printed 12/06/2006



**PLYMOUTH TUBE CO. USA**

14020 Oakland Avenue, Detroit, MI 48203  
Phone: (313) 872-1515 Fax: (313) 872-7949

**PRODUCT CERTIFICATION**

SALES ORDER - LINE ITEM / RLS

040027 - 1 / 0

SOLD TO

Factory Steel & Metal Supply Co.  
14020 Oakland Avenue  
Detroit, MI 48203  
USA

WORK ORDER 012409

HEAT NUMBER 745838

MELT SOURCE Banteler Steel Corp - Germany

ISO 9001:2000

AND

TS 16949:2002

CERTIFIED

CUSTOMER P.O.	CUSTOMER PART	QUANTITY	LOADING NO	SHIPMENT DATE
8286				
<p>PART DESCRIPTION: 107500400J800</p> <p>OD: 0.7500" Max: 0.7500" Min: 0.7500"</p> <p>Wall: 0.0480" Max: 0.0530" Min: 0.0430"</p> <p>Length: 19.00' / 28.00'</p> <p>Spec: MIL-T-6736B Seamless Aircraft</p> <p>Grade: 4340</p> <p>Finish: Cond N</p>				
<p>Additional Specification(s)</p> <p>AMS-T 6736A, 6380L &amp; 6371J</p> <p>This test report data is for the heat Chemistry stated above.</p> <p>The material in this test report is:</p> <p>1) Free from <u>Polybrominated Biphenyls (PBB)</u>, <u>Polybrominated Diphenyl Ethers (PBDE)</u>, and <u>mercury</u> contamination.</p> <p>2) <u>NAFTA</u> compliant.</p> <p>End of Certification</p>				

I certify that the results are a true and correct copy of the records prepared and maintained by Plymouth Tube Company, Streator in compliance with the requirements of the cited specification. Chemistry is as reported by the Steel supplier. This test report cannot be reproduced or distributed except in full without the written permission of Plymouth Tube.

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**Gerry Cross**

Quality Assurance

Date Printed 01/04/2007

Page 2/2



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

# PURCHASE ORDER

Purchase Order ID **PO21475**

Purchase Order Date 9/24/2013

PO Print Date 9/24/2013

Page Number 1 of 2

**Order From :**

VU-FAC001

FACTORY STEEL  
14020 OAKLAND AVE.  
DETROIT,, MI 48203  
US

**Ship To :** DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**FAKED**  
09/23/2013

**Contact Name**

**Vendor Phone** 313 883 6300

**Ship To Contact**

**Ship To Phone**

**Ship Via:** Yellow Standard collect

**Ship Acct:**

**Buyer**

Chantal Lavoie

**Customer POID**

**Customer Tax #**

10127-2607

**Terms**

Net 30

**Currency**

USD

**FOB**

Destination-Collect

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M4130NT2.500W.063 ✓	4130 RD tube 2.50 x .063wall ✓	10/2/2013 Yes 10/2/2013		25.00 ✓ f 758 ✓	\$14.75 ✓	\$368.75
MATERIAL: AISI 4130N SEAMLESS STEEL TUBING AS PER MIL-T-6736 OR AMS 6371/6360/6361 6362/6373/6374 NOTE: .065" WALL IS ACCETABLE ✓							
2	M4130NT0.500W.049 ✓	4130 RD Tube .500 x.049W	10/2/2013 Yes 10/2/2013		96.00 ✓ f 13/80/1 ✓	\$4.30 ✓	\$412.80
SAME AS ABOVE							

Line Total: \$368.75

Line Total: \$412.80

Note:

9/24/2013





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO21475**

Purchase Order Date 9/24/2013

PO Print Date 9/24/2013

Page Number 2 of 2

**Order From :**

VU-FAC001

FACTORY STEEL  
14020 OAKLAND AVE.  
DETROIT,, MI 48203  
US

**Ship To :** DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**Contact Name**

**Vendor Phone** 313 883 6300

**Ship To Contact**

**Ship To Phone**

**Ship Via:** Yellow Standard collect

**Ship Acct:**

**Buyer**

Chantal Lavoie

**Customer POID**

**Customer Tax #** 10127-2607

**Terms**

Net 30

**Currency**

USD

**FOB**

Destination-Collect

3	M4130NT0.750W.049	4130 RD Tube .750 x.049W	10/2/2013	161.00	\$4.47	\$719.67
			Yes			
			10/2/2013			

f 174.833

SAME AS ABOVE

**Line Total:** \$719.67

4	71475-25	PACK	10/2/2013	1.00	\$35.00	\$35.00
			Yes	Each		
			10/2/2013			

✓

**Line Total:** \$35.00

**PO Total:** \$1,536.22

**Note:** Pricing listed above is as per contract agreement between Dart Aerospace and the respective manufacturer.  
No substitution or deviation without consent.  
Certificate of Conformity or Material Certification required **YES** NO  
PST# 6122-5207

Change Nbr:

1

Change Date: 9/24/2013